

## CLAIMS

What is claimed is:

- 1) An electrical field based sterilization apparatus for wine or other edible fluids utilizing a fluid passage duct constructed of electrically insulating material situated between a collection of charged electrode pairs
- 2) An electrical field based sterilization apparatus for wine or other edible fluids utilizing said electrodes which are sharp, wire or convex shaped to focus and concentrate said electrical field upon said fluid passage duct
- 3) An electrical field based sterilization apparatus for wine or other edible fluids utilizing circuitry to maintain a continuous, non-pulsing high electrical potential across said pairs of electrodes
- 4) An electrical field based sterilization apparatus for wine or other edible fluids utilizing fluid handling appurtenances to direct the fluid in and out of the aforementioned fluid passage duct.